

ABSTRACT OF THE DISCLOSURE

Printing image data is converted into image data
for a proofer through a print condition conversion process
for converting CMYK for printing into $L^*a^*b^*$, a spot
5 color reference process for converting a spot color name
into $L^*a^*b^*$, a printer condition conversion process for
converting $L^*a^*b^*$ into RGB for proof, and a composition
process for synthesizing a process color with a spot color.

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